MANGANESE DRY BATTERY

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Abstract of **JP8213030**

PURPOSE: To restrain the increase in internal resistance at light load discharging time while maintaining a conventional heavy load characteristic by applying specific paste agent to a separator in the dry battery where zinc (alloy) being a negative electrode and a positive electrode mix are oppositely arranged through the separator. CONSTITUTION: The battery is formed by oppositely arranging zinc or zinc alloy being a negative electrode 1 and a positive electrode mix 3 (for example, a mold by mixing a conductive agent such as a manganese dioxide and acetylene black and electrolyte mainly composed of zinc chloride) through a separator 2. In this battery, a paste agent (for example, paste agent by adding hippuric acid sodium to paste composed of PVA, prepared starch and surfactant) containing hippuric acid sodium is applied to the separator 2 (for example, kraft paper is used as base material). It is preferable to set an adding quantity of hippuric acid sodium in 0.01 to 0.2mg/cm<2> to separator base material. As a result, a storage characteristic of the dry battery is also improved.